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[X]

is attached hereto.

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

was filed on Feb. 24, 2000 as Application No. 09/511,963.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Personalized Health Communication System, the specification of which

ίí				ational Application Article 19 on				
[]	and was ame	ended on	(if	applicable).		_ (ii abbiica	uie).	
[]	with amenun	nents through _	(	ir applicable).				
specifical				nderstand the co ny amendment r			-identified	
condition disclosed information	Code of Feder s specified in 3 I in the prior co on as defined i	al Regulations, 35 U.S.C. § 120 opending applica n 37 CFR § 1.5	§ 1.56. If this which disclosation, I further which occur	ation which is m is a continuation ses and claims s acknowledge the red between the e continuation-ir	n-in-part ubject m ie duty to e filing da	application atter in add of disclose mate of the pr	filed under the lition to that naterial	•
designati also iden application	pplication(s) foing at least one tified below aron(s) designation(s)	or patent or inve e country other by foreign applic ng at least one	entor's certificathan the Unite cation(s) for pacountry other	der Title 35, Unit te or of any PC d States of Ame atent or inventor than the United of the applicatio	T Interna erica liste 's certific States o	tional appliced below an ate or any for ate famerica for ate	cation(s) d have PCT Internatio iled by me on	na
	Prior Foreig	n Application(s)		Pr	iority Cla	imed		
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	(Number)	(Country)	(Day/Month	n/Year Filed)	Yes	No	•	
provision	-	im the benefit u (s) listed below:		United States C	ode, § 1	19(e) of any	/ United State	5
				• •				
	(Applica	tion No.)		(Filing D	ate)			
	l hereby cla	im the benefit u	inder Title 35	United States C	ode. 8 1	20 of anv U	Inited States	٠.
applicati				application(s) de				

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application

and the national or PCT International filing date of this application:

(Application No.) (Filing Date) (Status: patented, pending, abandoned) The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from \_\_\_\_\_ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith: Name Reg. No. Douglas D. Hancock 35.889 Patrick W. Hughey 31,169 32,428 Mark M. Meininger Address all telephone calls to Mark M. Meininger at telephone number (503) 249-7066. Address all correspondence to: **IPSOLON LLP** 4370 NE Halsey Street Portland, OR 97213 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of first joint inventor: Bradlev R Bowman Inventor's signature Residence: Tigard, Oregon Citizenship: U.S.A. Post Office address: 520 NW Davis Street, Suite 300, Portland, Oregon 97209 Full name of second joint inventor: Philip D. Marshall Inventor's signature Date Residence: Portland, Oregon Citizenship: U.S.A.

Post Office address: 520 NW Davis Street, Suite 300, Portland, Oregon 97209

Power of Attorney

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71 WITH STATEMENT UNDER C.F.R. 3.73(b)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the below-identified subject application(s) hereby appoints Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Barry D. Rein (Reg. No. 22411), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), Kenneth L. Stein (Reg. No. 38704), Andrew J. Gray (Reg. No. 41796), Henry C. Lebowitz (Reg. No. 36196), Leo Merken (Reg. No. 41192), Margaret B. Brivanlou (Reg. No. 40922), David R. Owens (Reg. No. 40756), Matthew E. Langer (Reg. No. 36343), Karen G. Horowitz (Reg. No. 35199), T. Christopher Tsang (Reg. No. 40258), and Carl P. Bretscher (Reg. No. 41635), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 20583), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Please direct all correspondence for this application to customer no. 20583.

Application of: Theron Tock

### Statement Under 37 C.F.R. 3.73(b)

WebMD states that it is the assignee of the entire right, title, and interest in the following patent applications/patents identified below.

	Application No.: 09/437,994 Filed: 10 November 1999
	For: SYSTEM AND METHOD FOR ENABLING A CLIENT APPLICATION TO
	OPERATE OFFLINE FROM A SERVER
	OTERATE OFFERE FROM A DEATER
	Change A - True 2155
	Group Art Unit: 2155 Examiner: Young N. Won
-	Confirmation No.: 8724 Attorney Docket No.: 11389-003-999
	By virtue of a chain of title from the inventor(s), of the patent application/patent identified
above	to the current assignee as shown below:
	1. From: THERON TOCK To: HEALTHEON CORP.
	The document was recorded in the United States Patent and Trademark Office on
	11/10/1999 at Reel010393 , Frame0329, or for which a
	copy thereof is attached.
	2. From: HEALTHEON CORP. To: WEBMD CORP.
	The document was recorded in the United States Patent and Trademark Office on
	03/12/2001 at Reel 011641, Frame 0390, or for which
	a copy thereof is attached.
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<u> </u>	And the state of Provident And State of
2)	Application of: Kougiouris et al.
2)	Application No.: 09/441,218 Filed: November 15, 1999
2)	
2)	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE
2)	Application No.: 09/441,218 Filed: November 15, 1999
2)	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE
2)	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman
2)	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE
2)	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999
	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified
	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified
	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999
	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:
	Application No.: 09/441,218 Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176 Examiner: Charles A. Bieneman Confirmation No.: 4018 Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP.
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof is attached.
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof is attached.  2. From: HEALTHEON CORP. To: WEBMD CORP.
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof is attached.  2. From: HEALTHEON CORP. To: WEBMD CORP. The document was recorded in the United States Patent and Trademark Office on
	Application No.: 09/441,218  Filed: November 15, 1999 For: DYNAMIC INTERACTION MANAGER FOR A MARKUP LANGUAGE GRAPHICAL USER INTERFACE  Group Art Unit: 2176  Examiner: Charles A. Bieneman Confirmation No.: 4018  Attorney Docket No.: 11389-009-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on 04/03/2000  at Reel 010709, Frame 0224, or for which a copy thereof is attached.  2. From: HEALTHEON CORP. To: WEBMD CORP.

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3)	Application of: Kougiouris et al.	Filed: 15 November 1999
	Application No.: 09/439,374	A ACT TIBLE BROCESSES TO EESTOWNTY V
	For: SYSTEM AND METHOD ENABLIN	G MULTIPLE PROCESSES TO EFFICIENTLY
	LOG EVENTS	
	<b>√</b>	
	Group Art Unit: 2154	Examiner: Wen-Tai Lin
	Confirmation No.: 1573	Attorney Docket No.: 11389-010-999
	COMBINATION 1979	
	m	or(s), of the patent application/patent identified
	By virtue of a chain of fitte from the liveur	or(2), or the patent approach potent residues
above	, to the current assignee as shown below:	
}		TO: HEALTHEON CORP.
	The document was recorded in the United S	tates Patent and Trademark Utince on
,	01/19/2000 at Reel 010497, Fra	ame 0257, or for which a copy thereof
	is attached.	
1.		
ļ ·	2. From: HEALTHEON CORP. T	o: WEBMD CORP.
1	The document was recorded in the United S	States Patent and Trademark Office on
	03/12/2001 at Reel 011641, Fran	ne 0390, or for which a copy thereof
	is attached.	NA TANA AND AND AND AND AND AND AND AND AND
<u>L</u>	18 auxoned.	
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4)	Application of: David Guthrie	<u>_i</u> _i
	Application No.: 09/510,559	Filed: February 22, 2000
1	For: SYSTEM AND METHOD FOR DEL	IVERING TARGETED DATA TO A
	SUBSCRIBER BASE VIA A COMPUTE	R NETWORK
1.	Group Art Unit: 2142	Examiner: Mehmet B. Geckil
1	Confirmation No.: 2998	Attorney Docket No.: 11389-011-999
	Сфиципинфи 140., 2770	4 state of the sta
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	Desired Color Color Color	and a set the national application (national identified
1 .		or(s), of the patent application/patent identified
above	e, to the current assignee as shown below:	
1	1. From: David Guthrie	To: Greenberg News Networks, Inc.
	The document was executed on	at Reel, Frame,
or /	for which a copy thereof is attached.	,
	2. From: Greenberg News Networks, In	nc. To: WebMD Corp.
1	The document was recorded in the United	States Patent and Trademark Office on
	10/10/2000 ** Deal 011152 E-	sesa NAV7 – se tae which a comu therest ic
	10/10/2000 at Reel 011153, Francisched.	ame 0687, or for which a copy thereof is

5)	Application of: Bautista et al.
•	Application No. 09/626.341 Filed: 26 July 2000
	For: SYSTEM AND METHOD FOR INTEGRATING INTERNET-BASED HEALTHCARE
	APPLICATIONS
	Group Art Unit: 3626 Examiner: Kim T. Bui
	Group 1 tr Cities 2020
	Confirmation No.: 8453 Attorney Docket No.: 11389-012-999
	By virtue of a chain of title from the inventor(s), of the patent application/patent identified
shove	to the current assignee as shown below:
aoyve,	IN SITA AMITATION AND AND AND AND AND AND AND AND AND AN
	1. From: BAUTISTA, et al. To: HEALTHEON CORP.
	The document was recorded in the United States Patent and Trademark Office on
	07/26/2000 at Reel 010969 , Frame 0777 , or for which a copy thereof
	is attached.
	2. From: HEALTHEON CORP. To: WEBMD CORP.
'	The document was recorded in the United States Patent and Trademark Office on
	03/12/2001 at Reel 011641, Frame 0390, or for which a copy thereof
L	is attached.
6)	Application of: Chawla et al.
-/	Application No.: 09/626,340 Filed: 26 July 2000
	For: SYSTEM AND METHOD FOR ENABLING SINGLE SIGN-ON FOR NETWORKED
	APPLICATIONS
: -	
	Group Art Unit: 2785 Examiner: Unknown
	Confirmation No.: N/A Attorney Docket No.: 11389-013-999
5	By virtue of a chain of title from the inventor(s), of the patent application/patent identified
above,	to the current assignee as shown below:
	A D. CHANNEL A. L. M. MICHAEL MATERIAL CORP.
	1. From: CHAWLA, et al. To: HEALTHEON CORP.
•	The document was recorded in the United States Patent and Trademark Office on
	<u>07/26/2000</u> at Reel <u>010969</u> , Frame <u>0804</u> , or for which a copy thereof
* *	is attached.
	2. From: HEALTHEON CORP. To: WEBMD CORP.
	The document was recorded in the United States Patent and Trademark Office on
	03/12/2001 at Reel 011641, Frame 0390, or for which a copy thereof
	is attached.
	_ <del></del>

l	Application of: Framba et al.	79-3-0CX 1-0000
	Application No.: 09/626,338	Filed: 26 July 2000 APPLICATION CONTEXT SHARING AMONG
	INTERNET-BASED HEALTHCARE	APPLICATIONS
	Group Art Unit: 2761	Examiner: Unknown
	Confirmation No.: N/A	Attorney Docket No.: 11389-014-999
1		
above	By virtue of a chain of title from the in- e, to the current assignce as shown below:	ventor(s), of the patent application/patent identified
ļ	1 Francis ED ANEDA et al	To: HEALTHEON CORP.
1	1. From: FRAMBA, et al.	ted States Patent and Trademark Office on
	07/26/2000 of Page 01/0072	Frame 0734, or for which a copy thereof
· ·	is attached.	, Frame, or for which a copy increor
ļ	is aurured.	· · · · · · · · · · · · · · · · · · ·
i	2. From: HEALTHEON CORP.	To: WEBMD CORP.
		ted States Patent and Trademark Office on
1	02/12/2001 of Peel 0116/1	Frame 0390, or for which a copy thereof
]	is attached.	Frame, or for which a copy thereof
L	15 Busched.	
8)	Application of: Gupta et al.	
ره	Application No.: 09/626,337	Filed; 26 July 2000
]	For MESSACING SYSTEM AND M	ETHOD FOR INTERNET-BASED HEALTHCARE
ADDI		EIROD FOR INTERNET-DASED HEALTHCARE
AFFI	LICATIONS	
	C A-ATT-'A 2261	Examiner: Unknown
,	Group Art Unit: 2761	PASIDINAL INCOMP
	CI C 142 37 37/4	
	Confirmation No.: N/A	Attorney Docket No.: 11389-015-999
) A		Attorney Docket No.: 11389-015-999
ahaaa	By virtue of a chain of title from the in-	Attorney Docket No.: 11389-015-999 ventor(s), of the patent application/patent identified
above		Attorney Docket No.: 11389-015-999 ventor(s), of the patent application/patent identified
above	By virtue of a chain of title from the invertee, to the current assignee as shown below:	Attorney Docket No.: 11389-015-999 ventor(s), of the patent application/patent identified
above	By virtue of a chain of title from the inverte, to the current assignee as shown below:  1. From: GUPTA, et al. To:	Attorney Docket No.: 11389-015-999 ventor(s), of the patent application/patent identified HEALTHEON CORP.
above	By virtue of a chain of title from the inverte, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on
above	By virtue of a chain of title from the inverted, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit 07/26/2000 at Reel 010973	Attorney Docket No.: 11389-015-999 ventor(s), of the patent application/patent identified HEALTHEON CORP.
above	By virtue of a chain of title from the inverte, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on
above	By virtue of a chain of title from the inverte, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit 07/26/2000 at Reel 010973 is attached.	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on , Frame0696, or for which a copy thereof
above	By virtue of a chain of title from the inverted, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit 07/26/2000 at Reel 010973 is attached.  2. From: HEALTHEON CORP.	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on , Frame0696, or for which a copy thereof  To: WEBMD CORP.
above	By virtue of a chain of title from the inverted, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit 07/26/2000 at Reel 010973 is attached.  2. From: HEALTHEON CORP. The document was recorded in the Unit	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on , Frame0696, or for which a copy thereof  To: WEBMD CORP.  ted States Patent and Trademark Office on
above	By virtue of a chain of title from the inverted, to the current assignee as shown below:  1. From: GUPTA, et al. To: The document was recorded in the Unit 07/26/2000 at Reel 010973 is attached.  2. From: HEALTHEON CORP. The document was recorded in the Unit	Attorney Docket No.: 11389-015-999  ventor(s), of the patent application/patent identified  HEALTHEON CORP.  ted States Patent and Trademark Office on , Frame0696, or for which a copy thereof  To: WEBMD CORP.

9)	Application of: Chawla et al.
1 -7	Application No. 09/626.339 Filed: 26 July 2000
	For: SYSTEM AND METHOD FOR DELEGATING A USER AUTHENTIFICATION
	PROCESS FOR A NETWORKED APPLICATION TO AN AUTHENTIFICATION
	AGENT
}	Group Art Unit: 2756 Examiner: Unknown
ļ	Confirmation No.: N/A Attorney Docket No.: 11389-016-999
]	
ł	By virtue of a chain of title from the inventor(s), of the patent application/patent identified
aharra	to the current assignee as shown below:
above	to the chirefit assigned as shown octow.
ļ	1. From: CHAWLA, et al. To: HEALTHEON CORP.
'	1. From: CHAWLA, et al. 10. HEALTHEON CONT.
· .	The document was recorded in the United States Patent and Trademark Office on
Λ.	<u>07/26/2000</u> at Reel <u>010969</u> , Frame <u>0789</u> , or for which a copy thereof
	is attached.
· [	2. From: HEALTHEON CORP. To: WEBMD CORP.
1	The document was recorded in the United States Patent and Trademark Office on
	03/12/2001 at Reel 011641, Frame 0390, or for which a copy thereof
	is attached.
	1s attached.
•	
10)	Application of: Kouciouris et al.
10)	Application of: Kougiouris et al.  Application No. 09/441 188  Filed: 15 November 1999
10)	Application No.: 09/441,188 Filed: 15 November 1999
10)	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP
10)	Application No.: 09/441,188 Filed: 15 November 1999
10)	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE
10)	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen
10)	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE
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10)	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP.
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on
	Application No.: 09/441,188 Filed: 15 November 1999  For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP  LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen  Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP.  The document was recorded in the United States Patent and Trademark Office on 02/07/2000 at Reel 010540, Frame 0842, or for which a copy thereof
	Application No.: 09/441,188 Filed: 15 November 1999 For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP. The document was recorded in the United States Patent and Trademark Office on
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	Application No.: 09/441,188 Filed: 15 November 1999  For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP  LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen  Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified  to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP.  The document was recorded in the United States Patent and Trademark Office on  02/07/2000 at Reel 010540, Frame 0842, or for which a copy thereof is attached.
	Application No.: 09/441,188 Filed: 15 November 1999  For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP  LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen  Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified  to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP.  The document was recorded in the United States Patent and Trademark Office on  02/07/2000 at Reel 010540, Frame 0842, or for which a copy thereof is attached.  2. From: HEALTHEON CORP. To: WEBMD CORP.
	Application No.: 09/441,188 Filed: 15 November 1999  For: AUTOMATIC FORMATTING AND VALIDATING OF TEXT FOR A MARKUP  LANGUAGE GRAPHICAL LUSER INTERFACE  Group Art Unit: 2176 Examiner: Maikhanh Nguyen  Confirmation No.: 3971 Attorney Docket No.: 11389-017-999  By virtue of a chain of title from the inventor(s), of the patent application/patent identified  to the current assignee as shown below:  1. From: KOUGIOURIS, et al. To: HEALTHEON CORP.  The document was recorded in the United States Patent and Trademark Office on  02/07/2000 at Reel 010540, Frame 0842, or for which a copy thereof is attached.

11) Application of: Johnson et al.

Application No.: 09/728,763

Filed: 30 November 2000

For: SYSTEM AND METHOD FOR MANAGING SECURITY FOR A DISTRIBUTED

HEALTHCARE APPLICATION

Group Art Unit: 2166 Confirmation No.: N/A Examiner: Unknown

Attorney Docket No.: 11389-018-999

An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on \_\_\_\_\_\_04/02/2001\_\_at Reel \_\_\_\_011703\_\_\_, Frame \_\_\_\_0091\_\_, or for which a copy thereof is attached.

12) Application of: Schurenberg et al.

Application No.: 09/734,328

Filed: 30 November 2000

FOT: INTEGRATED INSURANCE ELIGIBILITY SERVICE FOR AN ELECTRONIC

ABORATORY APPLICATION

Group Art Unit: 2163 Confirmation No.: N/A Examiner: Unknown

Attorney Docket No.: 11389-019-999

An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on \_\_\_\_\_03/29/2001\_

at Reel 011653, Frame 0613, or for which a copy thereof is attached.

13) Application of: Schurenberg et al.

Application No.: 09/734,331

Filed: 30 November 2000

For: SYSTEM AND METHOD FOR CONNECTING A HEALTHCARE BUSINESS TO A

PLURALITY OF LABORATORIES

Group Art Unit: 2163 Confirmation No.: N/A Examiner: Unknown

Attorney Docket No.: 11389-020-999

An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on at Reel 011653 , Frame 0626 , or for which a copy thereof is attached.

14)	Application of: Schurenberg et al.	
	Application No.: 09/734,336	Filed: 30 November 2000
		PLEMENTING A GLOBAL MASTER PATIENT
INDE	X	
i		F II.l
1	Group Art Unit: 2161	Examiner: Unknown
	Confirmation No.: N/A	Attorney Docket No.: 11389-021-999
assign at Rec	rment was recorded in the United States Pat	e patent application/patent identified above. The ent and Trademark Office on 06/19/2001 ich a copy thereof is attached.
15	Application of: Kougiouris	
15)	Application No.: 09/862,349	Filed: 21 May 2001
1	For SYSTEM AND METHOD FOR MA	ANAGING RESOURCES STORED IN A
	RELATIONAL DATABASE SYSTEM	
1	Group Art Unit: 2171	Examiner: Unknown
	Confirmation No.: N/A	Attorney Docket No.: 11389-022-999
		e patent application/patent identified above. The
assign	rment was recorded in the United States Pat	ent and Trademark Office on at Reel
l	, Frame, or for	which a copy thereof is attached.
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r <del>::</del> -		
16)	Application of: Bowman et al.	
l	Application No.: 09/511,963	Filed: 24 February 2000
	For: PERSONALIZED HEALTH COMM	MUNICATION SYSTEM
] .	Group Art Unit: 3626	Examiner: Vanel Frenel
	Confirmation No.: 5919	Attorney Docket No.: 11389-026-999
	By within of a chain of title from the inve	ntor(s), of the patent application/patent identified
ahove	to the current assignee as shown below:	mor(s), or the patent approach or patent mentined
20010	, to the emicit assigned as shown octow.	
	1. From: BOWMAN, et al. To	: WELLMED, INC.
	The document was recorded in the United	1 States Patent and Trademark Office on
		Frame 0962, or for which a copy thereof
	is attached.	
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1	2. From: WELLMED, INC.	
	The document was recorded in the United	
		c, or for which a copy thereof
	is attached.	
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. WEBMD

17)	Appliantion N	of: Marshall et a No.: 09/512,231		<u></u>		_ Filed	]: 24 Feb	ruary 200	0
	For: PERSON	NALIZED HEA	LTH HIST	ORY S	ystem v	VITH ACCC	MMOD	ATION F	OR
CONS	UMER HEAL	TH TERMINOI	LOGY			•			i
		1			:	Examiner: C	ADOLV	N DI ECI	r :
	Group Art U								
	Confirmation	No.: 5916			Attorney	Docket No.	.: 11569-	U27-779	
	**************************************	a chain of title fi	nom the in	ventor(s)	of the na	tent applicat	tion/pate	nt identifi	ed .
	By virtue of	a chain of title i	om me m	venmi(s)	, Ar crie ha	core abbion	pen		
above,	to the current	assignee as show	vn below:		· · .	*			
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-	2. From:	WELLMED	INC.	To:	WEBM	D CORP.			
	The docume	nt was recorded	in the Uni	ted State	s Patent a	nd Trademai	k Office	on	_
<b>,</b>	at Reel	, Frame_		, or fo	or which a	copy thereo	f is attac	hed.	
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, i ·	1,	ASSIGNEE:	WebMD Corporation
Date: 7/	21/03	Signature:	Dayles Warms
		Typed Name:	Douglas Wamsley
	i	Position/Title:	Vice President
	ž .	Address:	WebMD Corporation
.*			669 River Drive - Center 2
	1	•	Elmwood Park, NJ 07407

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I, David Guthrie, a citizen of the United States of America, residing at 3728 Tynemoore Trace, Smyrna, Georgia 30080 have invented a new and improved SYSTEM AND METHOD FOR DELIVERING TARGETED DATA TO A SUBSCRIBER BASE VIA A COMPUTER NETWORK, as fully disclosed in an application for Patent so entitled and executed by me preparatory to obtaining Letters Patent of the United States therefor; and whereas, Greenberg News Networks, Inc., a Delaware corporation having a principal place of business at 1175 Peachtree Street, Suite 2400, Atlanta, in the State of Georgia 30361, desires to acquire the entire interest in and to the subject matter disclosed in said application and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Greenberg News Networks, Inc., its successors and assigns, my entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under 35 U.S.C. §111(b), the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union and all divisions, reissues, substitutions, continuations, and extensions thereof; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on any application and all future patents granted upon the subject matter disclosed therein to the above named Assignee, its legal representatives and assigns.

	Witness my hand this	s day of	1999	91	
am a mm on			David Guthrie, I	nventor	
STATE OF	) ) ss:				
COUNTY OF	)				
the signing of	s 18 day of ebru, to me known and k the foregoing instruments	mown to me to be ent to be his volu	the individual	aforesaid who duly	acknowledged
	arpoids increm specific		da Une otary Public	ine Seop	old
(SEAL)			******	. D. Alfo College College (	Georgia

ly Commission Expires May 20,